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MANAGEMENT  
DISTRICT**

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# **PUBLIC NOTICE**

**October 3, 2002**

**To:** Parents and guardians of students enrolled at Emery Middle School.  
  
Persons at residences or other properties within 1000 feet of the diesel engine powered emergency generator located at 5850 Hollis Street, Emeryville, CA 94608.

**From:** Bay Area Air Quality Management District

**Re:** Diesel Engine Powered Emergency Generator  
Xoma (US) LLC, Emeryville, CA  
Permit Application # 5034

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## **Summary**

The Bay Area Air Quality Management District (the "District") is the local agency that regulates stationary sources of air pollution such as factories, industrial sites, and gasoline stations.

Under State law, the District must notify parents and neighbors before issuing a permit for a project that will increase emissions of any toxic air contaminant near a school. The purpose of this notice is to inform you of one such proposed project. Xoma (US) LLC has applied for a permit to install and operate a Diesel Engine Powered Emergency Generator at a site located at 5850 Hollis Street in Emeryville. This is near the following school: Emery Middle School.

The District has prepared a health risk screening report that describes the possible health effects from the increased toxic air contaminants. Based on this screening, the maximum cancer risk is no more than 0.3 chances in a million for the nearest residents. For students who attend nearby schools, the maximum risk is no more than 0.09 chances in a million. These calculated levels of risk are within acceptable levels established by the District in its Risk Management Policy. The District plans to issue an Authority to Construct for the proposed project.

In order to put the preceding risk estimate into perspective, here are some other risk numbers for comparison:

- 1) The lifetime risk of cancer (excluding skin cancers) in the general population is about one in three, or 333,000 chances in a million.
- 2) The risk of cancer due to background concentrations of toxic air contaminants routinely monitored in the Bay Area is about 200 chances in a million.

## **Health Risk Screening Report is Available**

The proposed permit will increase emissions of the following toxic air contaminant(s):  
Diesel exhaust particulate matter (2.2 lb/year)

The potential risk values were calculated using a standard risk assessment methodology. This methodology assumes that residents are exposed to the maximum concentrations of toxic air contaminants for 24 hours a day continuously for 70 years. It further assumes that the school is occupied 24 hours per day, 365 days per year, every year. The screening methods used by the District to estimate risk are based on conservative or "worst case" assumptions of the operating conditions for this facility. This type of analysis is considered to be health productive and is not

meant to determine the actual risk; rather it is performed under strict guidelines as a means to compare the source to other regulated sources throughout the District. The District's Risk Management Policy can be viewed on our website at <http://www.baaqmd.gov/permit/toxics/rmpdiesl.htm>.

The Health Risk Screening Report describes the basis for the risk estimate. You may request a copy of this report by calling the District Permit Services Division at (415) 749-4746 or by downloading it from the District website at <http://www.baaqmd.gov/permit/pn.htm>.

### **Public Comment Period**

There is a thirty-day period for public response to this proposal. **The public comment period for this project will end on November 2, 2002.** If you wish to comment on the proposed project, you may make your comments in writing or by email. Please address them to:

**BAAQMD**  
**Xoma (US) LLC Public Notice Response**  
**Attn: Donald Van Buren, PE, Air Quality Engineer II**  
**939 Ellis Street**  
**San Francisco, CA 94109**  
**dvanburen@baaqmd.gov**

Alternatively, you may call (415) 749-4746 and leave a message up to one minute in length. Please include your name and mailing address, or name and telephone number, so that a District staff person may respond to your message.

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